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| Communicating what we know about: Volumes by Revolution | |
| Equations | Numerical |
| Set up integrals here…. | Find the following pieces of numerical information on your calculator.:   1. The point(s) of intersection for functions f(x) and g(x) 2. Find the area of R 3. Find the area of S 4. Find the volume of the solid generated when S is revolved around the horizontal line y = -1. |
| Graphs | Communicate |
|  | 1. How do you find the area between two curves? 2. Which method do we use to find the volume of the solid of revolution? 3. Briefly describe why integration is used to find a volume of revolution. |